

DISTRIBUTIVE PROPERTY

What Is the Distributive Property?

 The distributive property offers a choice in multiplication of two ways to treat the addends in the equation. We are multiplying a sum by a factor which results in the same product as multiplying each addend by the factor and then adding the products.

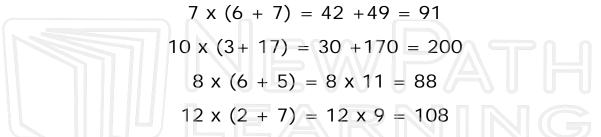
$$4 \times (5 + 6) = 4 \times 11 = 44$$

$$4 \times (5 + 6) = 20 + 24 = 44$$





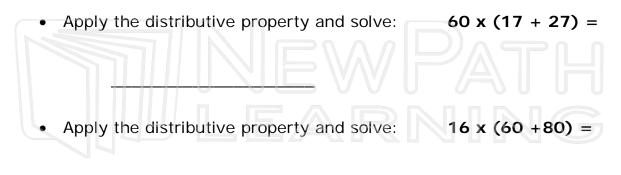
Examples: Here are a variety of examples in which the distributive law has been applied correctly:



Note: The distributive law can not be applied to subtraction or division.

Try This!





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